

AMENDMENTS TO THE CLAIMS:

1. (currently amended): A heat dissipation module, comprising:

a fan having a rotor and a shaft with a first end and an opposite second end, the first end of the shaft penetrating a hub of the ~~[[fan]]~~ rotor and ~~connecting~~ being physically in contact with ~~[[to]]~~ a heating heat-generating element, wherein the rotor is rotatably connected with the shaft; and

a heat sink connected to the second end of the shaft;
wherein the shaft is a heat pipe, and the fan is disposed between the heat sink and the ~~heating~~ heat-generating element.

2-3. (cancelled)

4. (withdrawn): The heat dissipation module according to claim 1, further comprising a base mounted on the heating element, and the shaft is fixed on the base to connect to the heating element.

5. (withdrawn): The heat dissipation module according to claim 4, wherein the base is formed with a plurality of teeth circularly arranged on its surface, and a gap is formed between two adjacent teeth.

6. (withdrawn): The heat dissipation module according to claim 5, wherein the teeth are made from materials with high thermal conductivity.

7. (withdrawn): The heat dissipation module according to claim 4, wherein the base is

formed with a plurality of bumps on its surface.

8. (withdrawn): The heat dissipation module according to claim 7, wherein the bumps are made from materials with high thermal conductivity.

9. (withdrawn): The heat dissipation module according to claim 4, wherein the base is formed with an opening, and the shaft is inserted into the opening to fix on the base.

10. (currently amended): A heat dissipation module, comprising:

a heat pipe having a first end and an opposite second end, the first end of the heat pipe being ~~connected~~ physically in contact with ~~[[to]] a heating~~ heat-generating element;

a stator assembly fixed on the heat pipe;

a rotor rotatably connected to the heat pipe; and

a heat sink connected to the second end of the heat pipe.

11. (cancelled)

12. (currently amended): The heat dissipation module according to claim 10, wherein ~~the materials of the heat pipe~~ is made from materials ~~[[are]]~~ selected from the group consisting of aluminum, copper, aluminum alloy, copper alloy and compounds thereof.

13. (previously presented): The heat dissipation module according to claim 10, wherein the rotor is made from materials selected from the group consisting of aluminum, copper, aluminum alloy, copper alloy and compounds thereof.

14. (currently amended): The heat dissipation module according to claim 10, wherein the first end of the shaft is formed with an enlarged portion to increase an area in contact with the ~~heating~~ heat-generating element.

15. (withdrawn): The heat dissipation module according to claim 10, further comprising a base mounted on the heating element.

16. (withdrawn): The heat dissipation module according to claim 15, wherein the base is interposed between the shaft and the heating element, and the shaft is fixed on the base to connect to the heating element.

17. (withdrawn): The heat dissipation module according to claim 15, wherein the shaft penetrates the base and touches the heating element.

18. (withdrawn): The heat dissipation module according to claim 15, wherein the base is formed with a plurality of teeth circularly arranged on its surface, and a gap is formed between two adjacent teeth.

19. (withdrawn): The heat dissipation module according to claim 18, wherein the shape of the teeth conforms to a flow channel design.

20. (withdrawn): The heat dissipation module according to claim 15, wherein the base is formed with a plurality of bumps on its surface.

21. (currently amended): A heat dissipation module, comprising:

a fan having a rotor and a shaft with a first end and an opposite second end, the first end of the shaft penetrating a hub of the ~~[[fan]]~~ rotor and being physically in contact with ~~connecting to~~ a ~~heating~~ heat-generating element; and

a heat sink connected to the second end of the shaft;

wherein the fan is disposed between the heat sink and the ~~heating~~ heat-generating element, and wherein ~~the materials of~~ the shaft ~~[[are]]~~ is made from materials selected from the group consisting of aluminum, copper, aluminum alloy, copper alloy and compounds thereof.

22. (currently amended): The heat dissipation module according to claim 1, wherein the fan comprises a stator assembly and a rotor, the rotor being ~~[[is]]~~ rotatably connected to the shaft.

23. (currently amended): The heat dissipation module according to claim 21, wherein the fan comprises a stator assembly and a rotor, the rotor being ~~[[is]]~~ rotatably connected to the shaft.

24. (currently amended): The heat dissipation module according to claim 10, wherein the shaft ~~stator assembly~~ is disposed between the heat sink and the ~~heating~~ heat-generating element.

25. (currently amended): The heat dissipation module according to claim 10, wherein the rotor is disposed between the heat sink and the ~~heating~~ heat-generating element.

26. (new): The heat dissipation module according to claim 10, wherein the rotor comprises a hub and a plurality of blades disposed radially around the hub.

27. (new): The heat dissipation module according to claim 10, wherein the rotor comprises a plurality of blades disposed radially around the stator assembly.

28. (new): The heat dissipation module according to claim 23, wherein the rotor comprises a plurality of blades disposed radially around the stator assembly.